(19) World Intellectual Property Organization International Bureau



in a mumpulum son sauan

(43) International Publication Date 29 December 2004 (29.12.2004)

(10) International Publication Number WO 2004/113536 A1

- (51) International Patent Classification7: 15/64
- C12N 15/29,
- (21) International Application Number:

PCT/AU2004/000802

- (22) International Filing Date: 18 June 2004 (18.06.2004)
- (25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 2003903132

20 June 2003 (20.06.2003) AU

- (71) Applicant (for all designated States except US): MOLECULAR PLANT BREEDING NOMINEES LTD [AU/AU]; Waite Building, Waite Campus, PMB 1, Glen Osmond, South Australia 5064 (AU).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): SPANGENBERG, German [UY/AU]; 56 Arthur Street, Bundoora, Victoria 3083 (AU). LIDGETT, Angela, Jane [AU/AU]; 13 Moore 303 (AU), LIDGETT, Angela, Jane (AU/AU); 13 Moore
 Street, Richmond, Victoria 3121 (AU). PETROVSKA,
 Natscha (AU/AU); 67 Barry Road, Thomastown, Victoria
 3074 (AU). EMMERLING, Michael [DE/AU]; 249
 Nopean Street, Greensborough, Victoria 3088 (AU).

 The street of the P

 955

 64) This: RYEGRASS POLLEN-SPECIFIC PROMOTERS AND EXPRESSION CONSTRUCTS Street, Richmond, Victoria 3121 (AU). PETROVSKA,

- (74) Agent: FREEHILLS CARTER SMITH BEADLE; Level 43, 101 Collins Street, Melbourne, Victoria 3000
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, BC, EE, BG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NL, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN. TR. TT. TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CL, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(57) Abstract: The present invention relates to a nucleic acid molecule capable of modifying pollen-specific expression, constructs including the molecule and methods of using the molecule.